



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/664,479	09/18/2000	Robert Ellis Chapman JR.	YOR920000632US1	4711

7590 07/30/2004
Louis J Percello
Intellectual Property Law Dept
IBM Corporation
P O Box 218
Yorktown Heights, NY 10598

EXAMINER	
NGUYEN, TU X	
ART UNIT	PAPER NUMBER

2684

10

DATE MAILED: 07/30/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/664,479

Applicant(s)

CHAPMAN ET AL.

Examiner

Tu X Nguyen

Art Unit

2684

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 June 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,2 and 9-12 is/are pending in the application.
- 4a) Of the above claim(s) 3-8 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,2 and 9-12 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

DETAILED ACTION

Response to Amendment

1. In respond to applicants argument, file 6/11/04, page 8 second paragraph, the Examiner acknowledges in the Office Action, dated February 11, the indication of Final Office Action is an error.
2. Applicant's arguments with respect to claims 1 have been considered but are moot in view of the new ground(s) of rejection.
3. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 1-2 and 9-13, are rejected under 35 U.S.C. 102(e) as being anticipated by O'Neil et al. (US Patent 5,963,864).

Art Unit: 2684

Regarding claim 1, O'Neil et al. disclose a network node device (30, fig.1) for connecting one or more telephone wirelines (20a-f) to one or more wireless connections (34), the network node device comprising:

- one or more connections to one or more telephone wirelines (see 138, fig.4b);

- one or more wireless signal generators supporting one or more wireless connections to one or more wireless devices (see 154, fig.4b and col.12 lines 24-49);

- at least one storage location for storing unique information for each of a plurality of wireless devices (see col.14 lines 34-57, "HLR" reads on "storing unique information");

- a processor for accessing said at least one storage location and for generating call processing signals based on said stored unique information (see col.28 lines 39-60, a processor is inherent for programming and communication routing instructions);

- an interconnection switch that makes and breaks one or more interconnections between the telephone wirelines and the respective wireless signal generators to connect one or more incoming calls arriving on said telephone wirelines to one or more of the plurality of wireless devices in response to said call processing signals generated by said processor (see col.31 lines 15-65); and

- a bridge that bridges signals from multiple wireless connections for outgoing calls from one or more of said plurality of wireless devices to one or more of the telephone wirelines (see col.20 lines 30-46 and col.21 lines 25-35) in response to said call processing signals generated by said processor based on stored unique information (see col.28 lines 39-66).

Regarding to claim 2, O'Neil et al. disclose a verifier that verifies the validity of a request from a wireless device through a wireless connection for the bridging of signals (see col.12 lines 50-50).

Regarding claim 9, O'Neil et al. disclose said unique information comprises a unique identifier and unique service information for each wireless device and wherein said bridge dynamically and selectively bridges signals from a wireless device to one of the telephone wirelines based on the unique identifier of the wireless device and said unique service information (see col.15 lines 35-55).

Regarding claim 10, O'Neil et al. disclose said unique service information comprises at least one of service access (see col.15 lines 45-54).

Regarding claim 11, O'Neil et al. disclose said bridge is adapted to alter the bridging of signals from at least one wireless device to one of the telephone wirelines in response to a change to said unique service information after a wireless connection has already been made (see col.15 line 56 through col.16 line 3).

Regarding claim 12, O'Neil et al. disclose said bridge is adapted to deny bridging of a wireless connection to one or more telephone wirelines based on said unique service information (see col.16 lines 4-30).

Art Unit: 2684

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Raymond S Dean whose telephone number is 703-305-8998. The examiner, Tu Nguyen 703-305-3427, can normally be reached on 8:00-4:30AM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, MAUNG NAY A, can be reached at (703) 308-7745. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.


Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

July 22, 2004


NAY MAUNG
SUPERVISORY PATENT EXAMINER